

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081919\
 Data File : BG042336.D
 Acq On : 19 Aug 2019 21:09
 Operator : HP/JU
 Sample : K4237-08
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 DUP-X

Quant Time: Aug 20 06:36:58 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG081919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 19 13:40:37 2019
 Response via : Initial Calibration

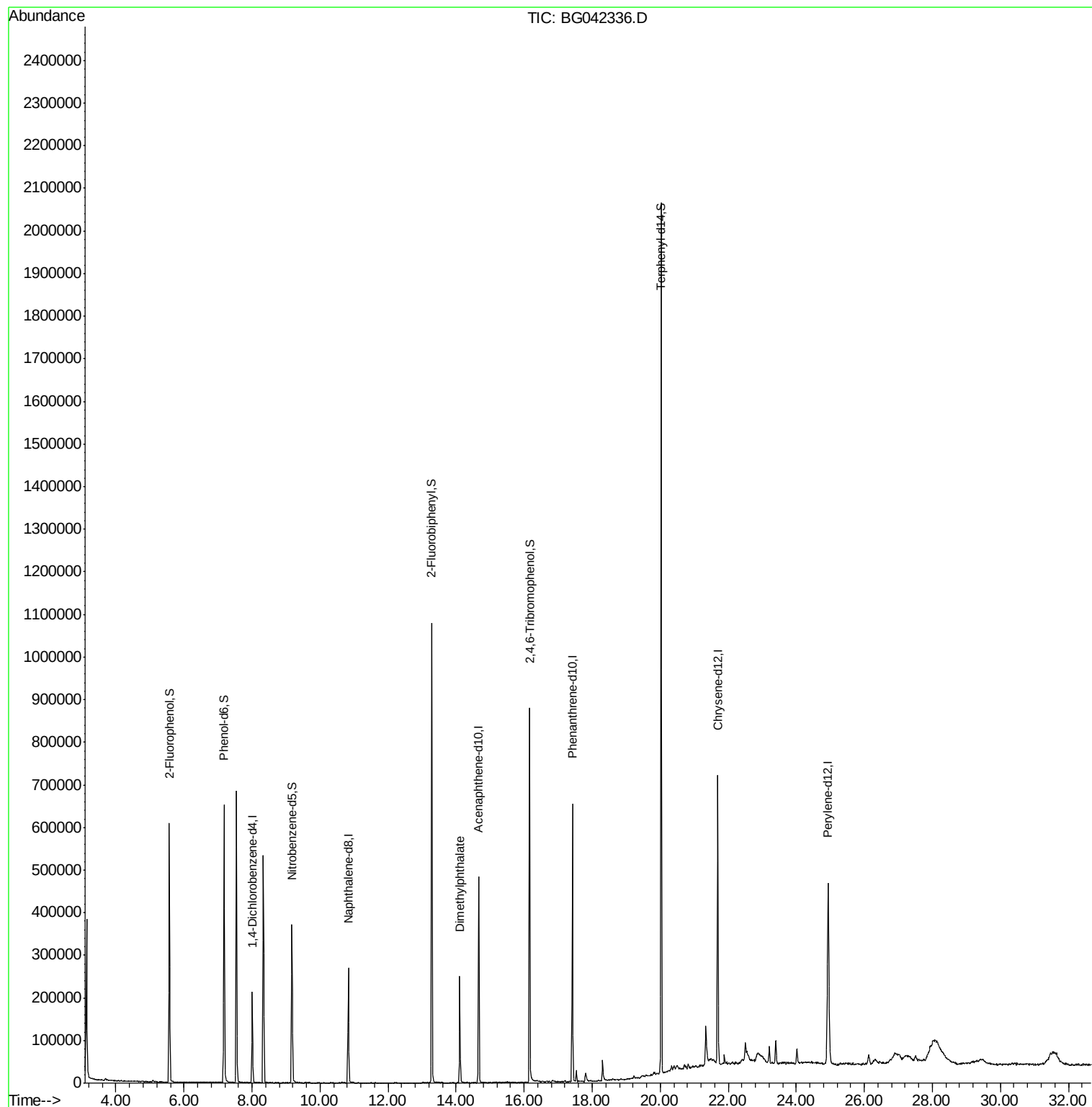
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.00	152	69260	20.00	ng	0.00
21) Naphthalene-d8	10.83	136	273380	20.00	ng	0.00
39) Acenaphthene-d10	14.67	164	198911	20.00	ng	0.00
64) Phenanthrene-d10	17.42	188	436175	20.00	ng	0.00
76) Chrysene-d12	21.69	240	438404	20.00	ng	0.00
87) Perylene-d12	24.94	264	518247	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.57	112	318689	93.23	ng	0.01
7) Phenol-d6	7.18	99	442021	95.21	ng	0.01
23) Nitrobenzene-d5	9.17	82	242313	62.34	ng	0.00
42) 2,4,6-Tribromophenol	16.16	330	220863	81.53	ng	0.00
45) 2-Fluorobiphenyl	13.28	172	648811	55.20	ng	0.00
79) Terphenyl-d14	20.03	244	1035901	51.75	ng	0.00
Target Compounds						
50) Dimethylphthalate	14.11	163	197755	13.991	ng	Qvalue 99

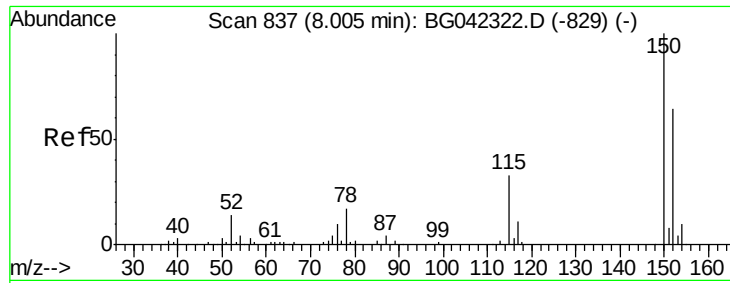
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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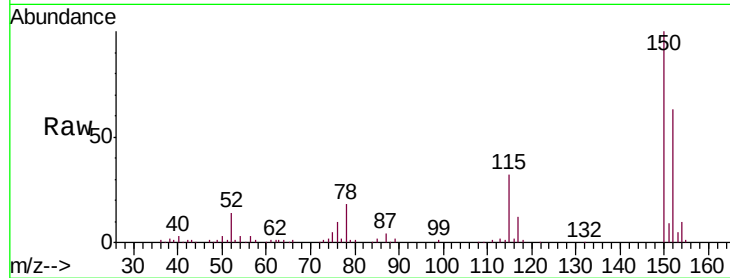


#1

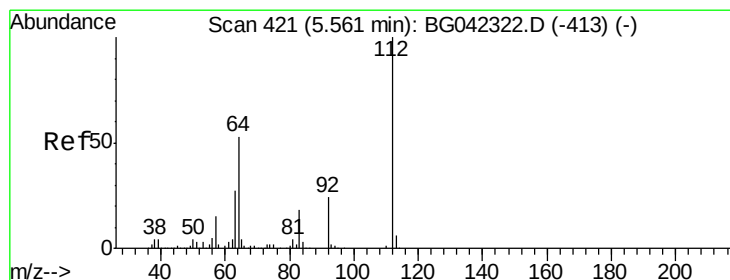
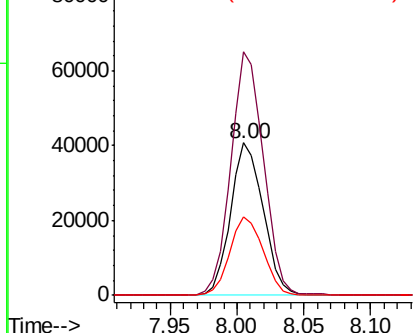
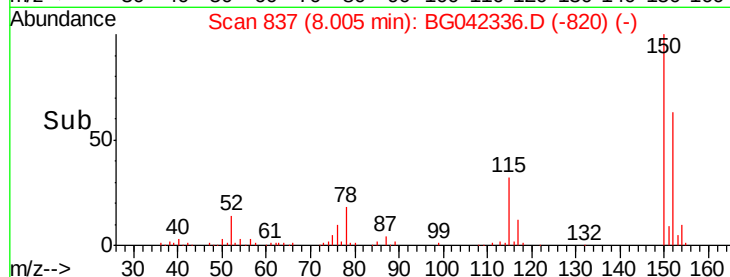
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.00 min Scan# 837
 Delta R.T. -0.00 min
 Lab File: BG042336.D
 Acq: 19 Aug 2019 21:09

Instrument :
 BNA_G
 ClientSampleId :
 DUP-X

Tot Ion:152 Resp: 69260
 Ion Ratio Lower Upper
 152 100
 150 159.9 124.3 186.5
 115 51.6 40.5 60.7



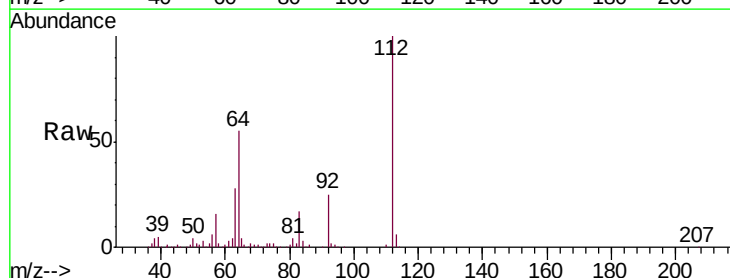
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



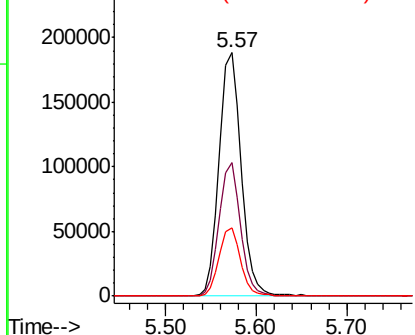
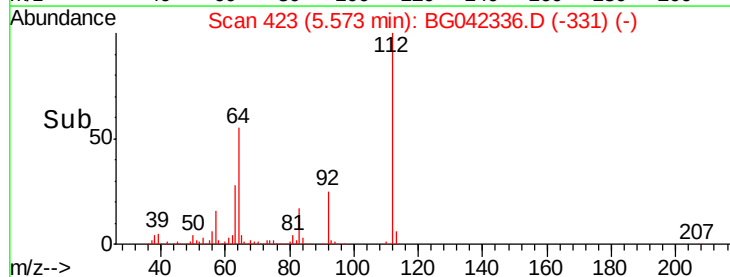
#5

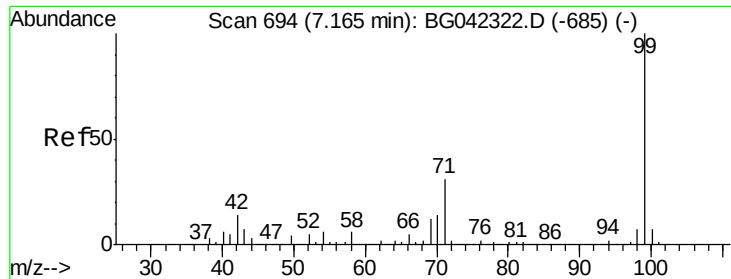
2-Fluorophenol
 Concen: 93.228 ng
 RT: 5.57 min Scan# 423
 Delta R.T. 0.01 min
 Lab File: BG042336.D
 Acq: 19 Aug 2019 21:09

Tgt Ion:112 Resp: 318689
 Ion Ratio Lower Upper
 112 100
 64 54.8 42.5 63.7
 63 28.1 21.7 32.5



Abundance Ion 112.00 (111.70 to 112.70): E
 Ion 64.00 (63.70 to 64.70): BG
 Ion 63.00 (62.70 to 63.70): BG





#7

Phenol-d6

Concen: 95.210 ng

RT: 7.18 min Scan# 696

Delta R.T. 0.01 min

Lab File: BG042336.D

Acq: 19 Aug 2019 21:09

Instrument :

BNA_G

ClientSampleId :

DUP-X

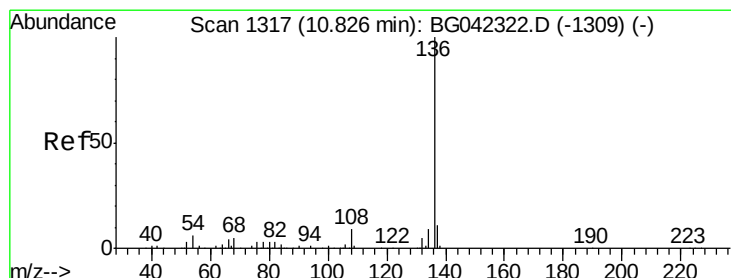
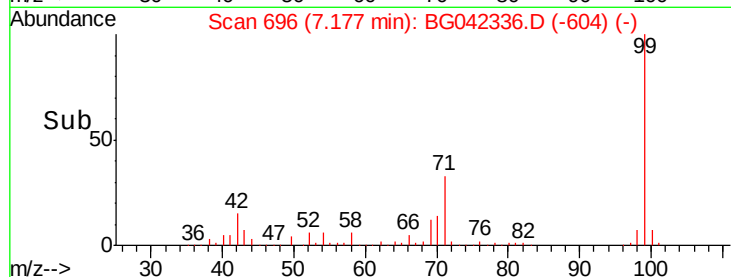
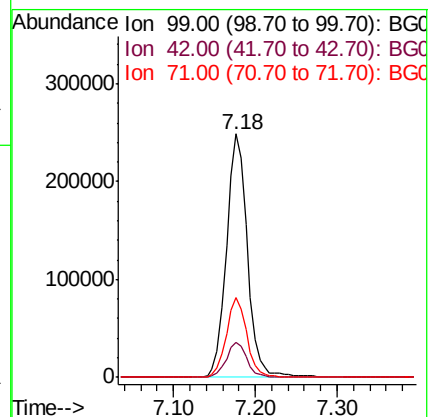
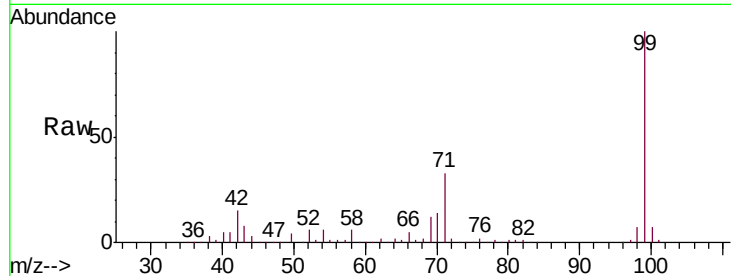
Tot Ion: 99 Resp: 442021

Ion Ratio Lower Upper

99 100

42 14.6 11.4 17.0

71 32.7 25.1 37.7



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.83 min Scan# 1318

Delta R.T. 0.01 min

Lab File: BG042336.D

Acq: 19 Aug 2019 21:09

Tgt Ion: 136 Resp: 273380

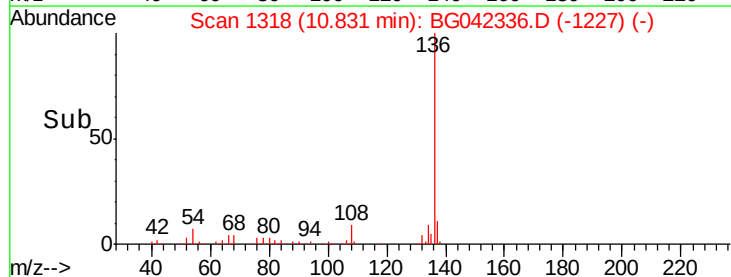
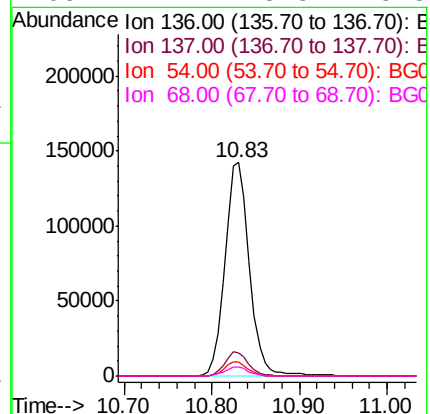
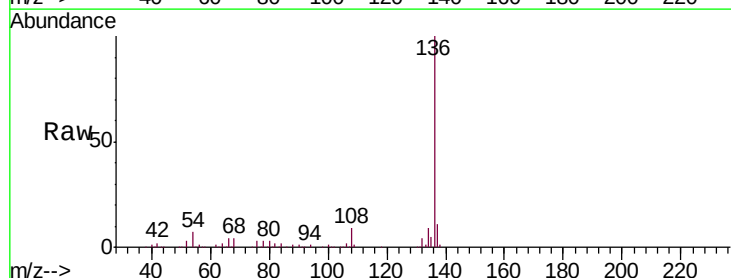
Ion Ratio Lower Upper

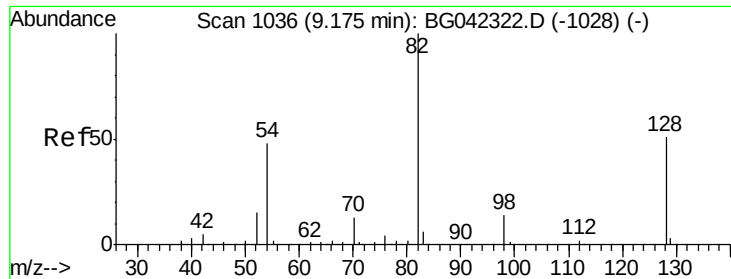
136 100

137 10.6 8.4 12.6

54 6.7 5.0 7.4

68 4.2 3.8 5.8

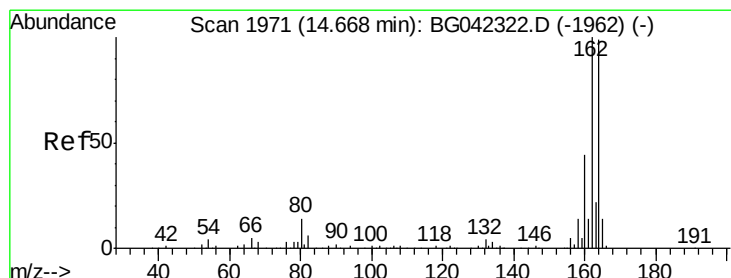
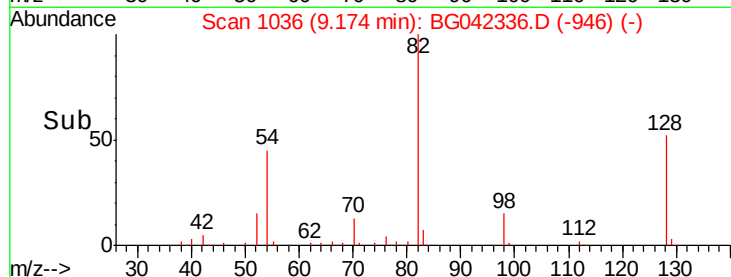
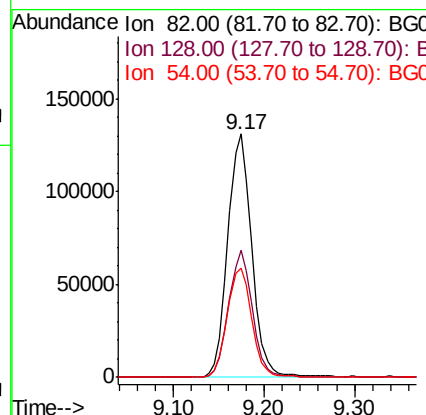
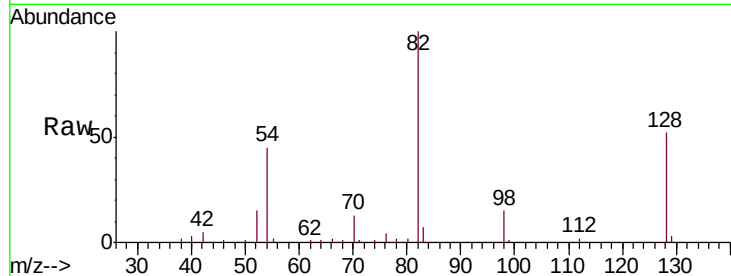




#23
 Nitrobenzene-d5
 Concen: 62.340 ng
 RT: 9.17 min Scan# 1036
 Delta R.T. -0.00 min
 Lab File: BG042336.D
 Acq: 19 Aug 2019 21:09

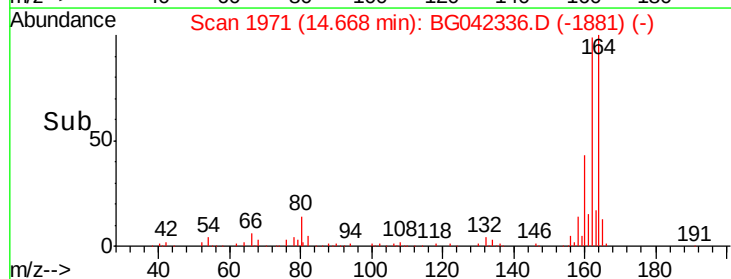
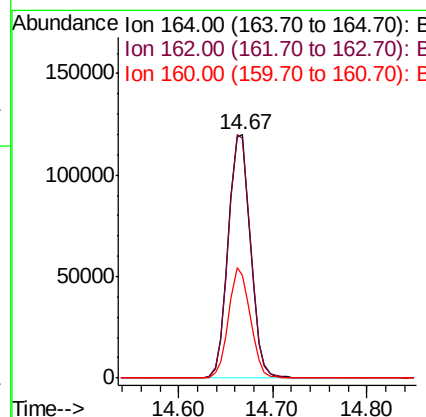
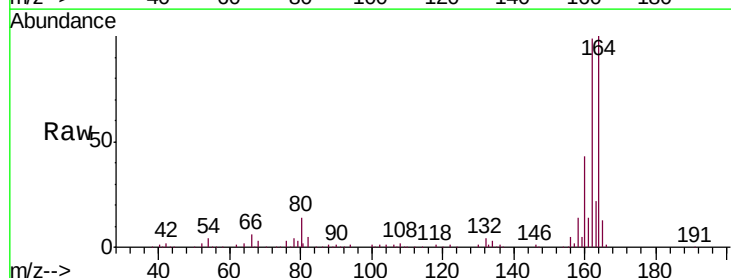
Instrument :
 BNA_G
 ClientSampleId :
 DUP-X

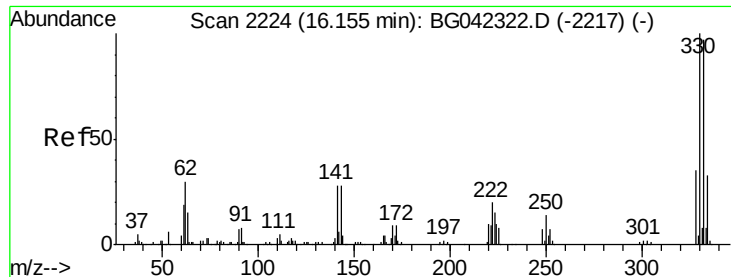
Tot Ion	82	Resp	242313
Ion Ratio	Lower	Upper	
82	100		
128	52.1	41.0	61.4
54	44.8	38.0	57.0



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.67 min Scan# 1971
 Delta R.T. -0.00 min
 Lab File: BG042336.D
 Acq: 19 Aug 2019 21:09

Tgt Ion	164	Resp	198911
Ion Ratio	Lower	Upper	
164	100		
162	98.6	80.6	120.8
160	42.6	35.7	53.5





#42

2,4,6-Tribromophenol

Concen: 81.526 ng

RT: 16.16 min Scan# 2225

Delta R.T. 0.01 min

Lab File: BG042336.D

Acq: 19 Aug 2019 21:09

Instrument :

BNA_G

ClientSampleId :

DUP-X

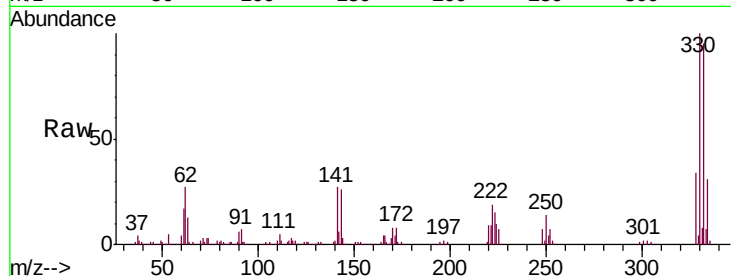
Tot Ion:330 Resp: 220863

Ion Ratio Lower Upper

330 100

332 96.6 76.9 115.3

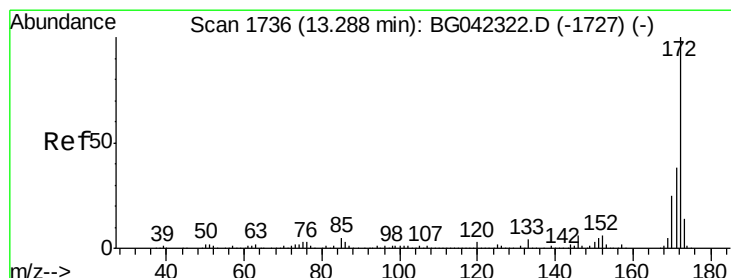
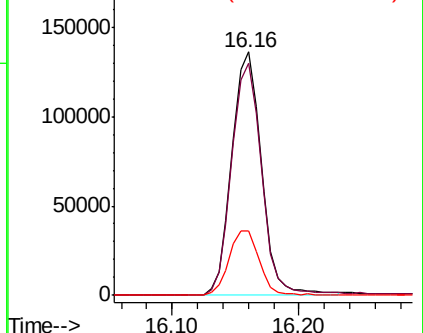
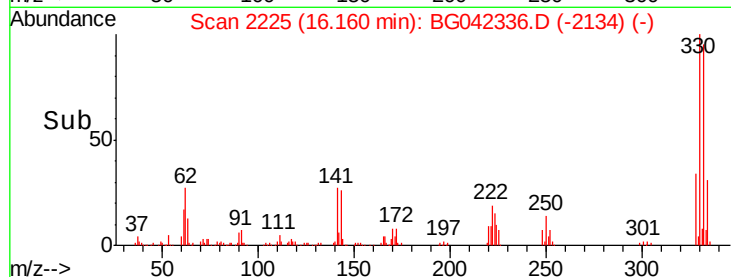
141 27.4 21.8 32.6



Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45

2-Fluorobiphenyl

Concen: 55.195 ng

RT: 13.28 min Scan# 1735

Delta R.T. -0.01 min

Lab File: BG042336.D

Acq: 19 Aug 2019 21:09

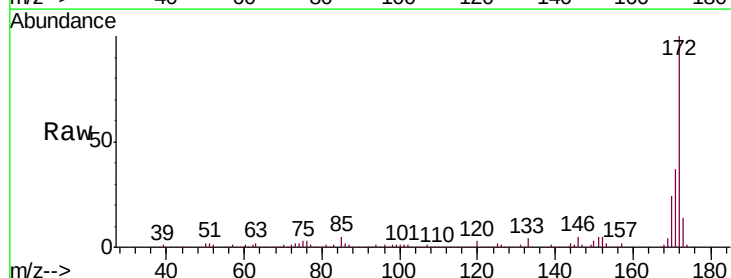
Tgt Ion:172 Resp: 648811

Ion Ratio Lower Upper

172 100

171 36.7 30.3 45.5

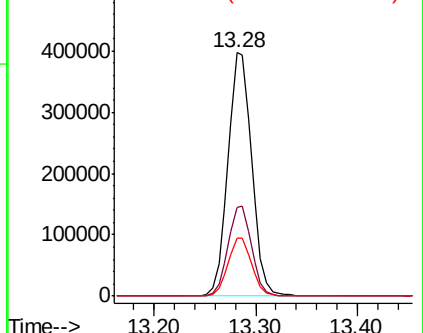
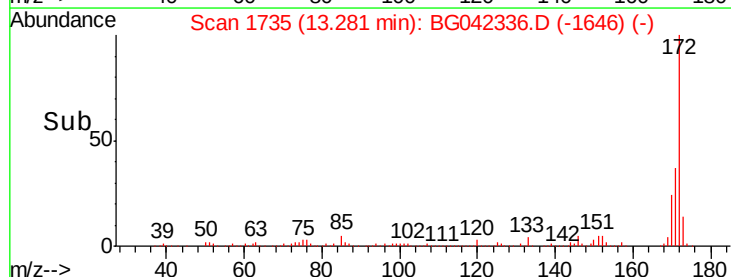
170 23.9 20.0 30.0

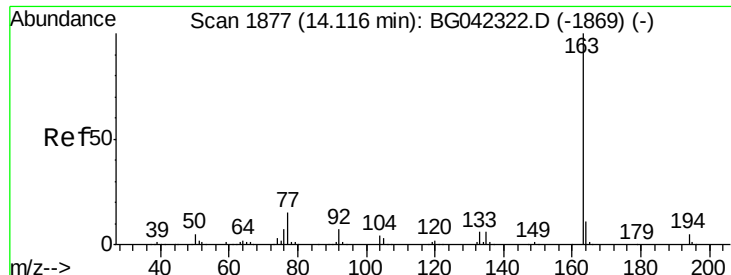


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#50

Dimethylphthalate

Concen: 13.991 ng

RT: 14.11 min Scan# 1876

Delta R.T. -0.01 min

Lab File: BG042336.D

Acq: 19 Aug 2019 21:09

Instrument :

BNA_G

ClientSampleId :

DUP-X

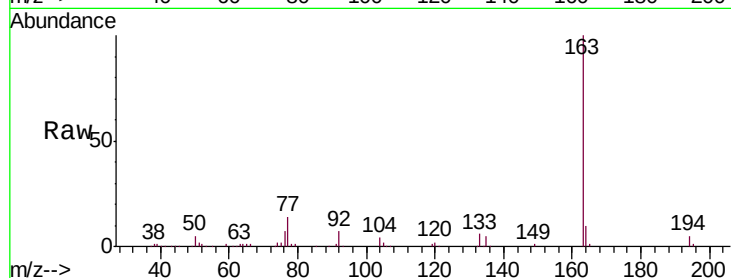
Tot Ion:163 Resp: 197755

Ion Ratio Lower Upper

163 100

194 4.9 4.2 6.2

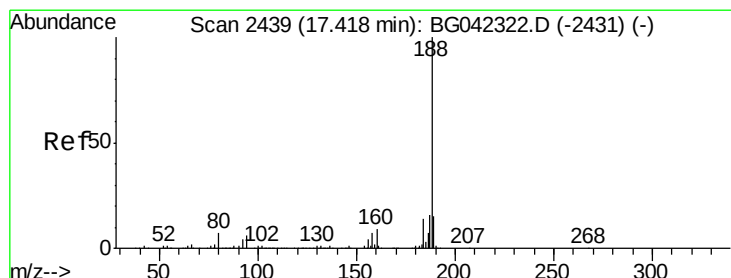
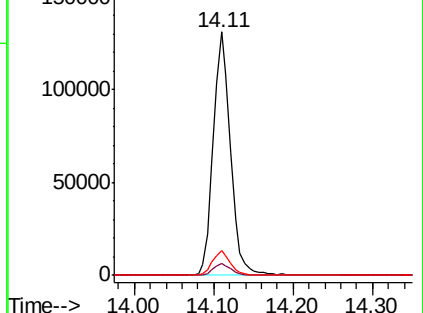
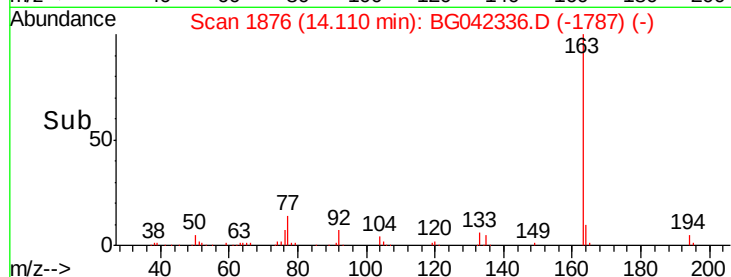
164 10.4 8.8 13.2



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.42 min Scan# 2439

Delta R.T. -0.00 min

Lab File: BG042336.D

Acq: 19 Aug 2019 21:09

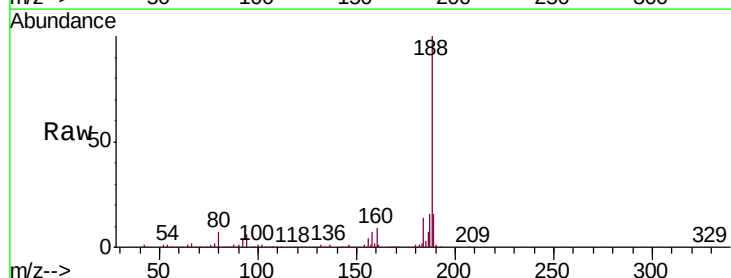
Tgt Ion:188 Resp: 436175

Ion Ratio Lower Upper

188 100

94 5.9 4.9 7.3

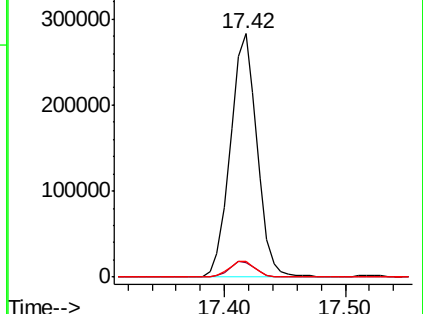
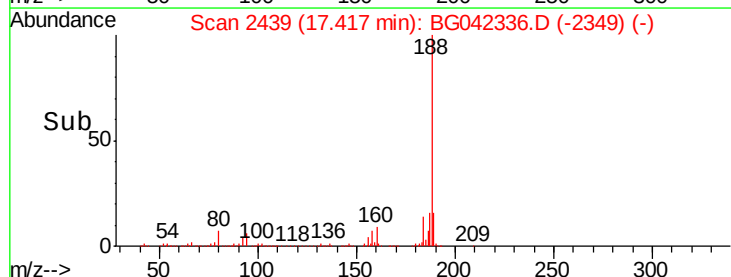
80 6.7 5.4 8.0

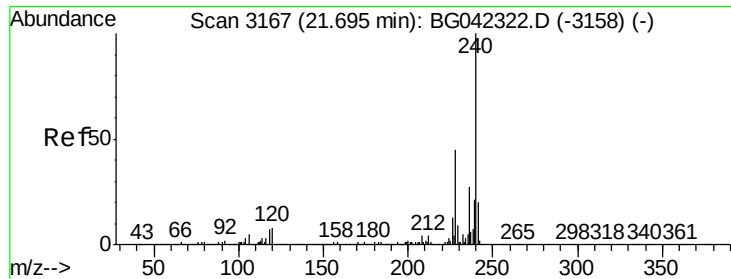


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

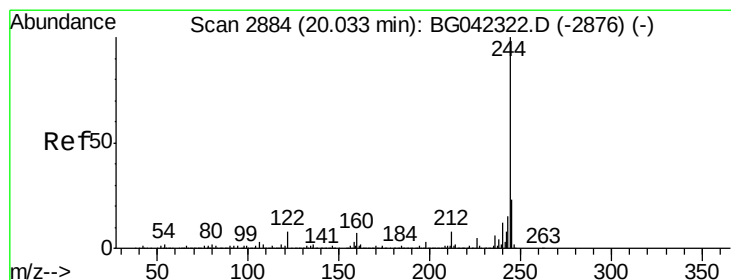
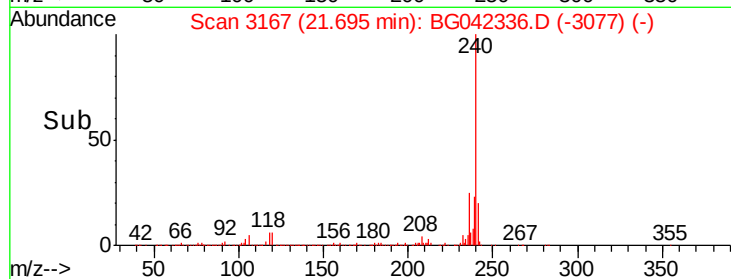
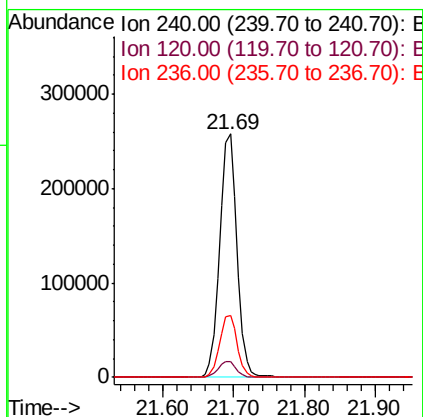
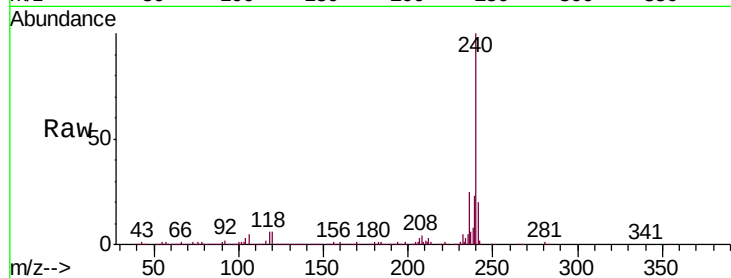




#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.69 min Scan# 3167
 Delta R.T. -0.00 min
 Lab File: BG042336.D
 Acq: 19 Aug 2019 21:09

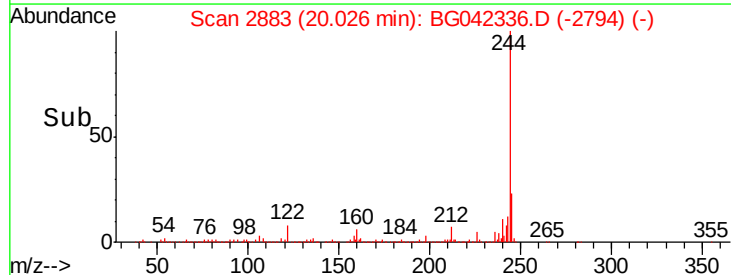
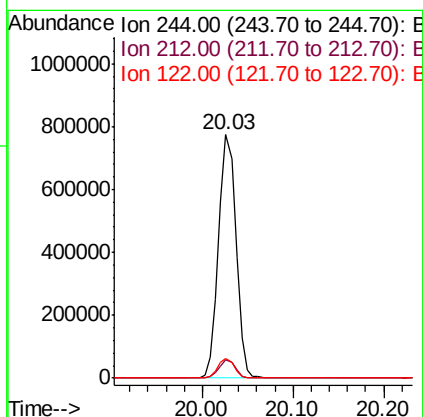
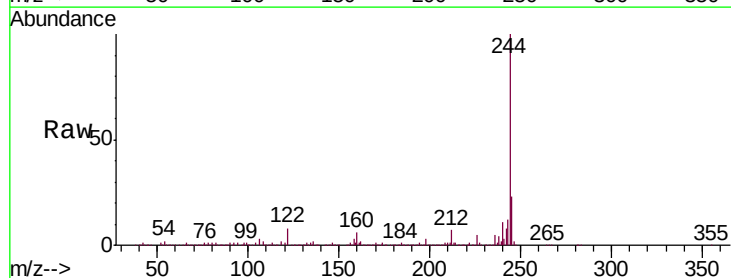
Instrument :
 BNA_G
 ClientSampleId :
 DUP-X

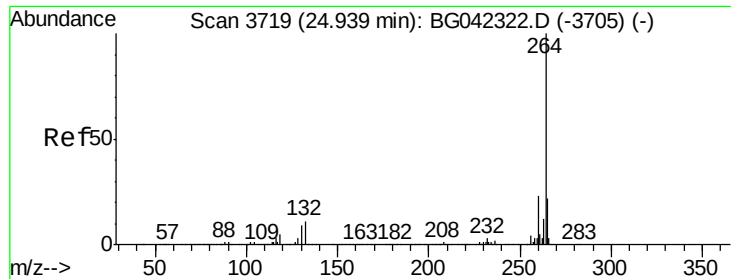
Tot Ion:240 Resp: 438404
 Ion Ratio Lower Upper
 240 100
 120 6.3 6.0 9.0
 236 25.4 21.6 32.4



#79
 Terphenyl-d14
 Concen: 51.754 ng
 RT: 20.03 min Scan# 2883
 Delta R.T. -0.01 min
 Lab File: BG042336.D
 Acq: 19 Aug 2019 21:09

Tgt Ion:244 Resp: 1035901
 Ion Ratio Lower Upper
 244 100
 212 7.3 6.4 9.6
 122 8.2 6.6 10.0





#87
Pervlene-d12
Concen: 20.000 ng
RT: 24.94 min Scan# 3719
Delta R.T. -0.00 min
Lab File: BG042336.D
Acq: 19 Aug 2019 21:09

Instrument :
BNA_G
ClientSampleId :
DUP-X

Tot Ion:	264	Resp:	518247
Ion	Ratio	Lower	Upper
264	100		
260	24.2	18.4	27.6
265	22.5	17.4	26.0

